



# KRISHI VIGYAN KENDRA, DINDORI– 481 880 (M. P.)

(Jawaharlal Nehru Krishi Vishwa Vidyalaya)

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## Contingent Plan Kharif 2014

A. Crops (Important 3-4 Field crops: cereal, pulse, oilseeds ; Horticulture: Vegetable & fruits

I. Early Onset of Monsoon

1. Cereals

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Rice	JR 201/ PS 5/ MTU 1010	Recommended dose of Fertilizer (N:P:K 100:60:40) Basal Dose, Split application , Top dressing of 25% urea and Potash . Direct sowing/Lehi system,	JNKVV/Seed society	700 qt . Sufficient seed assured by State Deptt .
2	Millets(Kodo)	JK 339/JK 48	Recommended dose of Fertilizers (N:P 40:20) Bio Fertilizers (Seed treatment) & Compost Line Sowing	JNKVV/ Seed society/Gram Beej Kosh	100 qt **
3	Maize	JM 421/JM 8	Recommended dose of Fertilizer (N:P:K 100:60:40) Bio Fertilizers (Seed treatment) Compost Line Sowing. Maize followed by Mustard in residual moisture	RSKVV/Private	Sufficient seed assured by State Deptt.

## 2. Pulses

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Pigeon Pea	Asha 87-119 /TJT 501	Recommended dose of Fertilizer (N:P 20:60) , Line sowing / Raised bed System.	JNKVV/Seed society	Sufficient seed assured by State Deptt.

## 3. Oilseeds

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Soybean	JS-9560, JS 325	Ridge furrow System	JNKVV/ Seed society	Sufficient seed assured by State Deptt.
2	Niger	JNC 6	Early sowing not recommended. Late Sowing recommended at low rain condition	Private/ Seed society	Sufficient seed assured by State Deptt.

## 4. Horticulture

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Bottleguard	Hybrid seed available in local market	Ridge sowing with staking	Private agency	Sufficient seed assured by State Deptt.
2	Pumpkin	Hybrid seed available in local market	Ridge sowing with staking	Private agency	Sufficient seed assured by State Deptt.
3	Sponge guard	Hybrid seed available in local market	Ridge sowing with staking	Private agency	Sufficient seed assured by State Deptt.
4	Ridge guard	Hybrid seed available in local market	Ridge sowing with staking	Private agency	Sufficient seed assured by State Deptt.

## II. Normal Monsoon

### 1. Cereals

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Rice	MTU 1010/ PS 5/IR 36/IR 34	Recommended dose of Fertilizer (N:P:K 100:60:40) Basal Dose, Split application , Top dressing of 25% urea and Potash . Direct sowing, Transplanting /puddling	JNKVV/ Seed society	1000 qt * **
2	Millets(Kodo)	JK 439/JK41	Recommended dose of Fertilizers (N:P 40:20) Bio Fertilizers (Seed treatment) & Compost Line Sowing	JNKVV/ Seed society/Gram Beej Kosh	100 qt **
3	Maize	JM 416/JM 8	Recommended dose of Fertilizer (N:P:K 100:60:40) Bio Fertilizers (Seed treatment) Compost Line Sowing. Maize followed by Mustard in residual moisture	JNKVV/ Seed society	Sufficient seed assured by State Deptt.

### 2. Pulses

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Pigeon Pea	TJT 501/ ICPL 87-119- ASHA	Recommended dose of Fertilizer (N:P 20:60) , Line sowing / Raised bed System	JNKVV/ Seed society /Gram beej Kosh	Sufficient seed assured by State Deptt.

### 3. Oilseeds

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources	Quantity

				<b>(NSC, SSC, Seed society, Private agency)</b>	<b>available (quintal)</b>
1	Soybean	JS-335, JS 9560	Recommended dose of Fertilizer (N: P: K :: 20:60:20), 40 kg S/ha. , Spray of 2% urea at podding stage. Sowing with Ridge and Furrow system / Raised bed System.	JNKVV/ Seed society	300 qt * **
2	Niger	JNC 6	Recommended dose of Fertilizer (N:P:K:: 40:30:0, ) 40 kg sulphur /ha. Seed Treatment with 2% brine solution , Line sowing and post emergent pendamethaline 2.5 lt /ha	JNKVV/Private/ Seed society	Sufficient seed assured by State Deptt.

#### 4. Horticulture

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Bottleguard	Hybrid seed available in local market	Ridge sowing with staking, Poly nursery raised	Private agency	Sufficient seed assured by State Deptt.
2	Pumpkin	Hybrid seed available in local market	Ridge sowing with staking, Poly nursery raised	Private agency	Sufficient seed assured by State Deptt.
3	Sponge guard	Hybrid seed available in local market	Ridge sowing with staking, Poly nursery raised	Private agency	Sufficient seed assured by State Deptt.
4	Ridge guard	Hybrid seed available in local market	Ridge sowing with staking, Poly nursery raised	Private agency	Sufficient seed assured by State Deptt.

### III. Delay Onset of Monsoon by 15 days

#### 1. Cereals

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Rice	PS 3, PS 5, MTU 1010, IR 64	Use of Bio Fertilizers Increase Seed Rate and Maintaining spacing. At the time of panicle initiation water drain out at the field. Weed management. Nursery transplanting SRI Lehi system	JNKVV/ Seed society	800 qt * **
2	Millets(Kodo)	JK 439/JK41/JK 48	Recommended dose of Fertilizers (N:P 40:20) use of Bio Fertilizers Intercropping with Pigeon pea (6: 1) Weed management practices alongwith Line sowing	JNKVV/ Seed society	100 qt **
3	Maize	JM 12/JM 421	Recommended dose of Fertilizer (N:P:K 100:60:40) Bio Fertilizers (Seed treatment) Compost Line Sowing. Maize followed by Mustard in residual moisture. Intercropping with Pigeon Pea	RSKVV/SSC/NSC/ Local Market	Sufficient seed assured by State Deptt.

#### 2. Pulses

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private)	Quantity available (quintal)

				agency)	
1	Pigeon Pea	TJT 501	Maintaining Spacing of Row to Row (30cm.) Intercropping with Kodo 6:1, Short duration variety of Pigeon pea , Recommended dose of Fertilizer (N:P 20:60) if possible poly pack nursery (SPI) 1x1 mt	JNKVV/Seed Society/Gram beej Kosh	Sufficient

### 3. Oilseeds

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Soybean	JS 9560	Recommended dose of Fertilizer (N: P: K :: 20:60:20), 40 kg S/ha. , Spray of 2% urea at podding stage. Sowing with Ridge and Furrow system / Raised bed System. Increase 20% seed rate Sowing of crop against slope.	JNKVV/ Seed society	300 qt * **
2	Niger	JNC 6	Increase 25% seed rate	JNKVV/Seed Society/Gram beej Kosh	Sufficient

### 4. Horticulture

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Bottleguard	Hybrid seed available	Pre poly nursery raised	Local Private	Sufficient

		in local market	used hi tech system	agency	
2	Pumpkin	Hybrid seed available in local market	Pre poly nursery raised used hi tech system	Local Private agency	Sufficient
3	Sponge guard	Hybrid seed available in local market	Pre poly nursery raised used hi tech system	Local Private agency	Sufficient
4	Ridge guard	Hybrid seed available in local market	Pre poly nursery raised used hi tech system	Local Private agency	Sufficient

#### IV. Dry Spell 10 days after sowing

##### Cereals

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Rice	PS 5,MTU 1010	2 % Foliar spray of urea. Weed management practices. Gap filling by Nursery/Lehi resowing if required	JNKVV/Seed Cooperation	Sufficient assured by State Deptt
2	Millets(Kodo)	Local variety	Intercropping with Pigeon (short duration variety) pea 6: 1 and Weed management practices . Gap filling by Nursery/Lehi resowing if required	JNKVV/ Seed society	Sufficient assured by State Deptt
3	Maize	Short duration	Gap filling by Nursery/Lehi resowing if required	Gram Beej Kosh	Sufficient

##### 2. Pulses

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Pigeon Pea	TJT 501	Foliar spray of DAP 2.5% Intercultural operation. Poly pack nursery resowing if required	JNKVV/Seed Society/Gram beej Kosh	Limited material

##### 3. Oilseeds

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Soybean	JS 9560	Increase 25% seed rate Sowing of crop against slope. Intercultural operation. Resowing in ridge furrow/Resowing if required	JNKVV/Seed Society/Gram beej Kosh	Limited seed availability probability
2	Niger	JNC 6/Local	Recommended dose of Fertilizer (N:P:K:: 40:30:0, ) 40 kg sulphur /ha. Seed Treatment with 2% brine solution , Line sowing and post emergent pendamethaline 2.5 lt /ha, resowing recommended in case of poor germination	JNKVV/Seed Society/Gram beej Kosh	Limited seed availability probability

#### 4. Horticulture

S No.	Crop	Variety	Agronomical Measures	Seed Inventory	
				Seed Sources (NSC, SSC, Seed society, Private agency)	Quantity available (quintal)
1	Bottleguard	Hybrid seed	Mulching and drip/pitchis hi tech method to be utilized to save the crop or poly pack resowing	Local Private agency	Sufficient
2	Pumpkin	Hybrid seed	Mulching and drip/pitchis hi tech method to be utilized to save the crop or poly pack resowing	Local Private agency	Sufficient
3	Sponge guard	Hybrid seed	Mulching and drip/pitchis hi tech method to be utilized to save the crop or poly pack resowing	Local Private agency	Sufficient
4	Ridge guard	Hybrid seed	Mulching and drip/pitchis hi tech method to be utilized to save the crop or poly pack resowing	Local Private agency	Sufficient



## B. Livestock (Cow, buffalo, goat, sheep, etc.)

### I. Early Onset of Monsoon

S No.	Animal Breed	Feeding management	Preventive and Health management	Housing Management
1	Indiscript local breeds	Material available in the forest	Vaccination as per schedule	Thatching the houses to save from rains

### II. Normal Monsoon

S No.	Animal Breed	Feeding management	Preventive and Health management	Housing Management
1	Indiscript local breeds	Stray feeding and management for milch cattle	Vaccination through AHC	Full proof management to save from rain

### III. Delay Onset of Monsoon by 15 days

S No.	Animal Breed	Feeding management	Preventive and Health management	Housing Management
1	Indiscript local breeds	Stables and wheat/Rabi crop straw and concentrates	Vaccination through AHC and debeaking	Full proof management already made

## C. Poultry Birds

### I. Early Onset of Monsoon

S No.	Poultry species	Feeding management	Preventive and Health management	Housing Management
1	Local indiscript breeds	Feeding with Rabi left over concentrate	Vaccination and Debeaking	Cages Maintained

### II. Normal Monsoon

S No.	Poultry species	Feeding management	Preventive and Health management	Housing Management
1	Local indiscript breeds	Feeding with Rabi left over concentrate	Vaccination and Debeaking	Housing Management done in advance

### III. Delay Onset of Monsoon by 15 days

S No.	Poultry species	Feeding management	Preventive and Health management	Housing Management
1	Local indiscript	Feeding with Rabi	Vaccination and	Housing

	breeds	left over concentrate	Debeaking	Management done in advance
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#### **D. Fishery**

##### ***I. Early Onset of Monsoon***

<b>S No.</b>	<b>Fish species (Rohu, Catla, etc.)</b>	<b>Feeding management</b>	<b>Preventive and Health management</b>	<b>Pond/ water quality management</b>
1	Rohu, Catla, Mrigat	Feed material spread in reservoir	Lime treatment	Use of high pressure pump for oxy generation

##### ***II. Normal Monsoon***

<b>S No.</b>	<b>Fish species (Rohu, Catla, etc.)</b>	<b>Feeding management</b>	<b>Preventive and Health management</b>	<b>Housing Management</b>
1	Rohu, Catla, Mrigat	Feed material spread in reservoir	Lime treatment	Use of high pressure pump for oxy generation

##### ***III. Delay Onset of Monsoon by 15 days :- Activity delayed***

<b>S No.</b>	<b>Fish species (Rohu, Catla, etc.)</b>	<b>Feeding management</b>	<b>Preventive and Health management</b>	<b>Housing Management</b>
1				

\* Sufficient quantity of seed material assured by State Deptt.

\*\* Exact figures of seed availability will be obtained by May 2014 end after policy planners meetings

**Programme Coordinator**

**KVK,Dindori**